CLAIMS

What is claimed is:

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1.   A method of adapting content for transmission to a palmtop computer, comprising:

receiving an identifier from the palmtop computer;

determining a profile for downloading information to the palmtop computer; and

10   adapting content to be transmitted to the palmtop computer based upon the profile.

2.   The method according to claim 1, wherein the determining further comprises determining a transmission speed for transmission to the palmtop computer.

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3.   The method according to claim 1, wherein the determining comprises determining a processing power for a processor residing within the palmtop computer by reference to the identifier.

20   4.   The method according to claim 1, wherein the determining comprises determining a display parameter for a display of the palmtop computer by reference to the identifier.

5.   The method according to claim 4, wherein the display parameter comprises the

25   display's color handling ability.

6.   The method according to claim 4, wherein the display parameter comprises the display's resolution.

30   7.   The method according to claim 1, wherein the determining comprises determining an amount of memory available to the palmtop computer.

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8.   The method according to claim 1, wherein the determining comprises determining a data transmission format.

9.   The method according to claim 1, wherein the adapting comprises transmitting only a first frame of an animated GIF.

10.   The method according to claim 1, wherein the adapting comprises converting color images to a low resolution grey scale image.

11.   The method according to claim 1, wherein the adapting comprises converting a digital audio signal with a first sampling rate to a digital audio signal with a second sampling rate, and wherein the second sampling rate is lower than the first sampling rate.

12.   The method according to claim 1, wherein the identifier comprises a serial number.

13.   The method according to claim 1, wherein the identifier comprises a request header transmitted from the palmtop computer.

14.   The method according to claim 1, carried out in a proxy server serving the palmtop computer.

15.   A method of adapting content for transmission to a palmtop computer, comprising:

receiving an identifier from the palmtop computer, the identifier comprising a serial number and a request header transmitted from the palmtop computer;

5   determining a processing power for a processor residing within the palmtop computer by reference to the identifier;

determining a display resolution parameter and a display color handling ability for a display of the palmtop computer by reference to the identifier;

determining a display parameter for a display of the palmtop computer by

10   reference to the identifier;

determining an amount of memory available to the palmtop computer by reference to the identifier;

determining a data transmission format;

determining a transmission speed for transmission to the palmtop computer;

15   selecting a profile for downloading information to the palmtop computer;

and

adapting content to be transmitted to the palmtop computer based upon the profile.

20   16.   The method according to claim 15, wherein the adapting comprises transmitting only a first frame of an animated GIF.

17.   The method according to claim 15, wherein the adapting comprises converting color images to a low resolution gray scale image.

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18.   The method according to claim 15, wherein the adapting comprises converting a digital audio signal with a first sampling rate to a digital audio signal with a second sampling rate, and wherein the second sampling rate is lower than the first sampling rate.
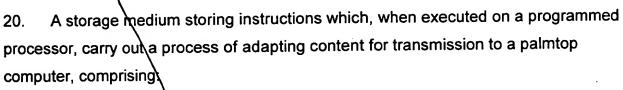
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19.   The method according to claim 15, carried out in a proxy server serving the palmtop computer.

20.   A storage medium storing instructions which, when executed on a programmed processor, carry out a process of adapting content for transmission to a palmtop computer, comprising:

receiving an identifier from the palmtop computer;

5   determining a profile for downloading information to the palmtop computer; and

adapting content to be transmitted to the palmtop computer based upon the profile.

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